

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) An encapsulated electrophoretic display, comprising one or more species of particles, each having a distinct electrophoretic mobility, wherein at least one of said species of particles ~~is~~ comprises a retroreflective corner cube, said display being capable of displaying multiple optical states through electrophoretic movement of said particles.
2. (original) The display of claim 1, wherein said display comprises a capsule in a binder encapsulating said one or more species of particles.
3. (canceled).
4. (currently amended) The display of claim 1, wherein at least one of said one or more species of particles has a reflective coating.
5. (original) The display of claim 1, further comprising a suspending fluid having a density substantially matched to the density of said one or more species of particles.
6. (original) The display of claim 5, wherein said suspending fluid is a halogenated hydrocarbon.
- 7-13. (canceled)
14. (currently amended) The display of claim 2, wherein said binder is selected from the group consisting of water-soluble polymers, water-dispersed polymers, oil-soluble polymers, thermoset polymers, thermoplastic polymers, ~~uv~~ UV-cured

polymers, radiation-cured polymers, gelatin arabic, gum arabic, polyurethanes, polyamides, urea formaldehyde resin, melamine formaldehyde resin, cellulose, cellulose derivatives, polyvinylacetates, and ~~polyvinylalcohol~~poly(vinyl alcohol).

15. (original) The display of claim 14, wherein said binder further comprises an additive selected from the group consisting of organic surfactants, organic salts, organic particles, and organic pigments.
16. (original) The display of claim 1, wherein said one or more species of particles are titania.
17. (original) The display of claim 1, wherein said one or more species of particles are metal oxide-coated titania.
18. (original) The display of claim 17, wherein said metal oxide is selected from the group consisting of aluminum oxide and silicon oxide.
- 19-24. (canceled).
25. (new) The display of claim 1, wherein said display comprises a polymer-dispersed display where said one or more species of particles are encapsulated in multiple cavities disposed in a polymeric matrix.
26. (new) An electrophoretic display comprising a first species of particles and a second species of particles both disposed in multiple cavities in a polymeric matrix, each species of particles having a distinct electrophoretic mobility, said first species of particles being retroreflective, said first and second species of particles being capable of migrating between at least a first position and a second position, and

wherein said first and second species of particles in said first position at least partially allow said first species of particles to retroreflect an incident light, and in said second position at least partially prevent said first species of particles from retroreflecting the incident light.

27. (new) The display of claim 26 wherein said first species of particles comprises a corner cube.
28. (new) The display of claim 26, wherein said first species of particles has a reflective coating.
29. (new) The display of claim 26, further comprising a suspending fluid having a density substantially matched to the density of at least one of said first and second species of particles.
30. (new) The display of claim 26 wherein said display is of the emulsion or phase separation type display.
31. (new) The display of claim 26, wherein at least one of said first and second species of particles comprises titania.
32. (new) An electrophoretic display comprising a species of electrophoretic particles in a suspending fluid, and a retroreflective substrate, said display being capable of displaying multiple optical states through electrophoretic movement of at least said species of particles, said species of particles being capable of migrating between at least a first position and a second position, and
wherein said species of particles in said first position at least partially allow said substrate to retroreflect an incident light, and in said second position at least partially prevent said substrate from retroreflecting the incident light.
33. (new) The display of claim 32 wherein said substrate comprises a corner cube.
34. (new) The display of claim 32, wherein said species of particles is disposed in a cavity in a polymeric matrix.
35. (new) The display of claim 34 wherein said display is of the emulsion or phase separation type display.

36. (new) The display of claim 32, wherein said species of particles is encapsulated in at least one capsule in a binder.
37. (new) The display of claim 32 further comprising a second species of particle having an electrophoretic mobility distinct from said first species of particles.
38. (new) The display of claim 32, wherein said species of particles comprises titania.